

SAFETY DATA SHEET

(Conforms to EC Directive 91/155/EEC)

Date of first Issue: June 1993

Revision Number: 1

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1. Identification **Food Grade Hydraulic 32** **Code: FDM32**
Commercial name: Food Grade Hydraulic Oil 32-----
Emergency Telephone Number: **01246 823007**
-----**2. Composition:** A blend of synthetic esters, white oils and multifunctional additives.

CAS Registry number: None

EINECS Number: None

Risk phrases: None required under current UK & EC legislation

Safety Phrases: None required under current UK & EC legislation
-----**3. Hazards** Not classified as dangerous
-----**4. First Aid Measures**

Eye contact: Irrigate with plenty of cold water.

Skin contact: Wash off with copious amounts of water.

Ingestion: If more than a few drops are swallowed give patient water to drink.
Do not induce vomiting and seek medical advice.
-----**5. Fire Fighting Measures:**

Flammability Combustible

Flash Point (oC PMCC) 190

Extinguishing Media: Use foam,dry powder, CO2. Never use water.

Protective Equipment for Fire-fighters: Standard
-----**6. Accidental Release Measures:** Contain spillages in sand or sawdust. Dispose of according to Local Regulations. If allowed to enter drains and/or water courses, alert Local Water Authority.
-----**7. Handling and Storage:** Store under cover at a maximum temperature of 40oC

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8. Exposure Control and Personal Protection:

In accordance with good industrial practice handle using gloves/gauntlets and standard eye protection.

9. Physical and Chemical Properties (Test Method)

Physical form:	Fluid
Colour:	Yellow
Odour:	Mild
pH of aqueous solution:	N.A.
Pour Point:	-40oC
Melting Point:	N.A.
Viscosity:	32 cst @ 40oC
Flash Point:	190C
Flammability solid/gas:	N.A.
Autoflammability:	>250C
Explosive properties:	N.A.
Vapour Pressure:	N.A.
Density:	0.973
Water solubility:	Insoluble.
Other solubility:	Soluble in hydrocarbon solvents.
Bulk density:	N.A.
Partition Coefficient octanol/water:	N.A.
Other data:	

Explosion Limits: N.A.

10. Stability and Reactivity

Thermal decomposition:	Stable under normal conditions of use.
Hazardous reactions:	None under normal conditions of use.

11a. Toxicological Data

Oral:	Expected to possess a relatively low degree of acute oral toxicity. (LD 50 expected to be >2000 mg/kg)
Dermal:	Expected to be non-toxic by dermal route.
Inhalation:	N.A.

11b. Toxic Effects

Skin: Expected to be essentially non-irritating.

Eye: Expected to be essentially non-irritating.

12. Ecological Information

Biodegradation:

This lubricant is 60-70% biodegradeable after the standard 21 day test period of the CEC L-33-T82 test. If the test is allowed to continue it reaches ~80% in 28 days and approaches 100% in 45-50 days.

13. Disposal Conditions: Dispose of according to a recognised method of chemical waste disposal.

14. Transport Information

U.N. Number: N.A.

UN Name: Not assigned.

IMDG Code/Class: Non hazardous
ICAO/IATA (Air) Class: Non Hazardous
RID/ADR Class: Non hazardous
ADNR Class: Non hazardous

15. Regulatory Information

Occupational Exposure Limits: N.A.

16 Other Information:

For use as a foodsafe lubricant
